

What is claimed is:

1. A system for recording an auxiliary signal, synchronizing the auxiliary signal with a video signal, and transmitting the auxiliary signal over a telecommunications network comprising a first video signal receiver, an auxiliary signal recorder, a first telecommunications network interface; a
5 second telecommunications network interface, a signal comparator, and a video signal buffer.

2. The system of claim 1 further comprising a first computer and a second computer.

10 3. The system of claim 2 wherein said first computer includes said first video signal receiver, said auxiliary signal recorder, said first telecommunications network interface, said signal comparator, and said video signal buffer, and said second computer includes said second telecommunications network interface.

15 4. The system of claim 2 wherein said first computer includes said first video signal receiver, said auxiliary signal recorder, and said first telecommunications network interface, and said second computer includes said second telecommunications network interface, said signal comparator, said video signal buffer, and a second video signal receiver.

20 5. The system of claim 1 wherein the auxiliary signal includes an audio signal.

6. The system of claim 1 wherein the auxiliary signal includes a video signal.

25 7. The system of claim 2 wherein one of said first and second computers further includes a video signal speed controller.

8. The system of claim 2 wherein one of said first and second computers further includes an image size controller.

9. The system of claim 2 wherein one of said first and second computers further includes a video signal clock signal deriver.

5 10. The system of claim 1 wherein one of said first and second telecommunications network interfaces is an Internet interface.

11. The system of claim 1 wherein said signal comparator is a clock signal comparator.

10 12. A system for recording an auxiliary signal, synchronizing the auxiliary signal with a video signal, and transmitting the auxiliary signal over a telecommunications network comprising:

15 a first computer, said first computer having means for recording the auxiliary signal, means for receiving the video signal, means for deriving a synchronizing signal from the video signal, and means for transmitting the auxiliary signal over the telecommunications network; and

20 a second computer, said second computer having means for receiving the auxiliary signal and the synchronizing signal from the telecommunications network, means for receiving the video signal, and means for synchronizing the auxiliary signal and the synchronizing signal with the video signal to form an integrated combined signal.

13. A method for recording an auxiliary signal, synchronizing the auxiliary signal with a video signal, and transmitting the auxiliary signal over a telecommunication network comprising the steps of:

receiving the video signal;

5 generating the auxiliary signal, the auxiliary signal derived at least in part from said video signal;

transmitting the auxiliary signal over the telecommunications network;

receiving the auxiliary signal;

delaying the video signal as a function of said auxiliary signal; and

10 synchronizing the video signal with the auxiliary signal.

14. The method of claim 13 wherein said video signal receiving, auxiliary signal generating, video signal delaying, auxiliary signal transmitting, and synchronizing steps are performed with a first computer, and said auxiliary signal receiving step is performed using a second computer.

15 15. The method of claim 13 wherein said video signal receiving, auxiliary signal generating, and auxiliary signal transmitting steps are performed using a first computer, and said auxiliary signal receiving, video signal delaying, and synchronizing steps are performed using a second computer.

20 16. The method of claim 15 further including the step of receiving the video signal using said second computer.

17. The method of claim 13 wherein said generating step further includes deriving a first synchronizing signal from the video signal.

18. the method of claim 17 wherein said delaying step further includes deriving a second synchronizing signal from the video signal and comparing said first and second synchronizing signals.

19. The method of claim 13 in which the auxiliary signal is an audio
5 signal.

20. The method of claim 13 further including the step of playing said synchronized video and auxiliary signals using a computer.